



**TeleHealth, Inc.**

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October 25, 2000

Ms. Magalie Roman Salas  
Secretary, Federal Communications Commission  
445 12<sup>th</sup> Street, SW  
Washington, DC 20554

RE: Ultra Wideband – ET Docket 98-153

Dear Ms. Salas:

We are writing on behalf of iTelehealth, Inc. to support the FCC Notice of Proposed Rulemaking concerning Ultra Wideband (UWB) radio transmission. iTelehealth, Inc.'s vision is to promote, develop, operationalize, and evaluate worldwide telehealth technologies, with a focus on home telehealth delivered care. Our firm represents healthcare professionals who have first-hand experiences and a broad knowledge base in telehealth and Internet-based healthcare. We recognize technology as an enabler and a support rather than the focus of telehealth.

This new technology offers new options for patients and their caregivers in the home. One focus of nurses working in home health care and disease management is to empower patients, families and caregivers in their own environment. The Ultra Wideband radio system would be an outstanding resource to help promote improved patient outcomes and keep people from utilizing expensive acute healthcare resources.

We urge the FCC to allow UWB radio transmission, since it offers a low cost high speed wireless connectivity to local area networks (LANs) by bridging the first/last few feet for PDAs, monitors, laptops and capture devices. As information technology moves forward into wireless applications, UWB offers possibilities for: patient monitoring, telemetry within a facility; public health screening; remote consults; patient follow-up; scheduling, disease management, home care and clinician access to databases and literature.

On behalf of all future patients and healthcare professionals who will benefit from UWB radio transmission, we urge you to move quickly and positively on the decision to permit research and development of the technology. It will certainly result in continued independence for home healthcare patients, and a reduction in healthcare costs.

Sincerely yours,

Loretta Schlachta-Fairchild, PhD(c)  
President & CEO

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